Index of Claims



Application/Control No.

10/780,804 Examiner

Thai D. Hoang

Applicant(s)/Patent under Reexamination

BACKES ET AL.

Art Unit

2616

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|           | ō        | 3/5/07   |          |          |          |          |                                     |               |          |          |     | Final  | Original |          |          |          |          |          |                                     | :  |              |           |
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|           | 4        | R        |          |          |          |          |                                     |               |          |          | ]   |        | 54       |          |          |          |          |          |                                     |  |              |           |
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|           | 6        | R        |          |          | _        |          |                                     |               |          |          |     |        | 56       |          |          |          |          |          |                                     |  |              |           |
|           | 7        | R        |          |          | <u> </u> | L        | L                                   |               |          |          |     |        | 57       |          |          |          |          |          |                                     |  |              |           |
|           | 8        | L.,      | Щ        |          | <u> </u> | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _             | <u> </u> |          |     |        | 58       |          |          |          | _        | 匚        | L                                   | <u> </u>   | _            | _         |
| $\square$ | 9        |          |          |          | _        | <u> </u> | _                                   | ļ             |          | L        |     |        | 59       | Ш        |          |          | L        | <u></u>  | _                                   | 乚  |              |           |
| $\square$ | 10       |          |          |          |          |          | _                                   |               | L        | _        | 1   |        | 60       | $\sqcup$ | _        |          | L        | L        | L_                                  | L  |              |           |
| $\perp$   | 11       |          |          |          | <u> </u> | <u> </u> | ļ                                   | _             | _        |          | 1   |        | 61       | Ш        | _        |          |          | L        | L                                   |  |              | Ш.        |
|           | 12       |          |          |          | L_       | _        | L                                   | <u> </u>      | _        |          |     |        | 62       | $\sqcup$ |          |          | <u>_</u> |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _  | <u> </u>     |           |
|           | 13       |          | _        |          | _        | _        | <u> </u>                            |               | _        |          | ľ   |        | 63       | _        |          |          |          | <u> </u> | <u> </u>                            | <u>_</u>   | <u> </u>     | _         |
|           | 14       | -        | _        |          | _        | _        | _                                   | <u> </u>      | _        | _        |     |        | 64       |          |          |          | _        | _        | <u> </u>                            | 乚  | _            | _         |
|           | 15       | Ш        |          |          |          | <u> </u> |                                     | _             | _        | _        |     |        | 65       | $\perp$  |          |          | _        | ╙        | _                                   | L  | _            |           |
|           | 16       |          | _        |          |          | _        | _                                   | <u> </u>      | _        | _        |     |        | 66       | $\dashv$ | _        |          | _        | _        | <u> </u>                            | L  | _            | <b>.</b>  |
| $\vdash$  | 17       |          | $\dashv$ |          |          | <u> </u> | _                                   |               | _        | _        |     |        | 67       | $\vdash$ | _        |          |          |          |                                     | _  | <u> </u>     |           |
|           | 18       |          | $\dashv$ |          | _        | ⊢        | _                                   | _             | _        | _        |     |        | 68       |          |          |          | <u> </u> |          |                                     | <u> </u>   | _            |           |
| -         | 19       |          | _        |          |          | ┞        | _                                   | _             | _        | <u> </u> |     |        | 69       | _        | -        |          |          |          |                                     |  | _            | _         |
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|           | 24       | $\dashv$ | -        |          | _        | -        | $\vdash$                            | $\vdash$      | _        | _        | 1   |        | 73       | -        |          |          | _        | _        | <u> </u>                            | -  |              |           |
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| $\vdash$  | 26       | -        | -        | -        |          | ⊢        | <u> </u>                            | -             | H        | _        |     |        | 75<br>76 |          | $\dashv$ |          | <u> </u> |          | <u> </u>                            | ├-   | <u> </u>     | _         |
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|           | 35       | -        | ┪        | $\dashv$ | _        |          |                                     |               | $\vdash$ |          |     |        | 85       | $\dashv$ | -        | -        |          |          | -                                   | $\vdash$   | $\vdash$     |           |
|           | 36       |          | $\dashv$ | _        |          |          | -                                   | $\vdash$      | -        | _        |     |        | 86       | -        | _        | _        |          | -        | -                                   | -  | <u></u> -    |           |
|           | 37       | $\dashv$ |          | $\neg$   |          | _        |                                     |               | _        | _        | 1 1 |        | 87       |          | _        | _        |          | -        | $\vdash$                            | Ι-   |              | Н         |
|           | 38       |          | _        | $\neg$   |          | $\vdash$ |                                     |               |          |          |     |        | 88       | +        | $\dashv$ | =        |          |          | -                                   |  | _            |           |
|           | 39       |          | _        |          |          |          |                                     |               | П        |          |     |        | 89       | $\neg$   | $\dashv$ | 7        |          | $\vdash$ | $\vdash$                            | $\vdash$   |              | П         |
|           | 40       | $\neg$   | 一        | _        |          |          |                                     |               | П        | _        |     |        | 90       | _        | $\dashv$ |          | _        |          | Ι                                   | -  | Н            | П         |
|           | 41       |          | 一        | $\neg$   |          | М        |                                     |               | H        |          |     | $\neg$ | 91       | $\dashv$ | $\dashv$ | _        |          |          |                                     | <del>                                     </del> | -            | П         |
| $\Box$    | 42       | $\dashv$ | $\dashv$ |          |          | М        |                                     |               | М        |          |     |        | 92       | 十        | _        | $\dashv$ | -        |          |                                     |  | Н            | П         |
|           | 43       | コ        |          |          |          |          |                                     |               |          |          |     |        | 93       | $\dashv$ | 7        |          |          |          |                                     |  | Н            | $\sqcap$  |
|           | 44       | _        |          |          |          |          |                                     |               | П        |          |     |        | 94       |          | $\dashv$ |          |          |          |                                     | П  | П            | П         |
|           | 45       | $\neg$   | $\neg$   | $\neg$   |          | $\Box$   |                                     |               |          |          |     |        | 95       | $\dashv$ | ╛        |          |          | -        |                                     |  | П            |           |
|           | 46       |          | $\neg$   | $\neg$   |          |          |                                     |               |          |          |     |        | 96       | $\neg$   | ᅥ        |          |          |          |                                     |  | П            | П         |
|           | 47       | _        |          |          |          |          |                                     |               |          |          |     |        | 97       | $\top$   | 1        |          |          |          |                                     |  |              | $\Box$    |
|           | 48       |          |          |          |          |          |                                     |               | П        |          |     |        | 98       | 十        | 7        |          |          |          |                                     |  | $\vdash$     | $\sqcap$  |
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|           | 50       |          | 丁        |          |          |          |                                     |               |          |          |     |        | 100      | $\neg$   | $\neg$   |          |          |          |                                     | М  |              | $\neg$    |

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|   | Final | Original       |   |          |              |          |              |          |          |              |          |    |
|   |       | 51<br>52<br>53 |   |          |              | Г        | T            | T        | ┢        | T            | 1        | 1  |
|   |       | 52             |   |          |              |          |              | Γ        | T        | Π            |          | 1  |
|   |       | 53             |   |          | Π            | Г        | Г            | Г        | T-       | Π            |          | 1  |
|   |       | 54             |   |          |              |          |              |          |          | Π            |          | 1  |
|   |       | 54<br>55       |   |          |              |          | Γ            | Π        |          |              | Π        | 1  |
| 1 |       | 56             |   |          |              |          |              | Γ        |          |              |          | 1  |
|   |       | 57<br>58       |   |          |              |          |              |          |          |              |          | ]  |
|   |       | 58             |   | _        |              | L        | 匚            | L        |          |              |          |    |
|   |       | 59             | _ | <u> </u> | L            | 匚        | L            | <u> </u> |          |              |          | Į  |
|   |       | 60             | L | _        | _            | L        | <u> </u>     | ļ.,      | <u> </u> | _            | L        | l  |
|   |       | 61             | _ | L        | <u>_</u>     | L_       | <u> </u>     | _        | <u> </u> |              | _        | l  |
|   |       | 62             |   | <u> </u> | <u> </u>     | <u> </u> | <u> </u>     | _        | _        | <u> </u>     | <u> </u> | l  |
| - |       | 63             | _ | _        | <u> </u>     | <u> </u> | L            | <u> </u> | <u></u>  | L            | <u>L</u> |    |
|   |       | 64             |   | _        | _            | <u> </u> | _            | L        | 乚        | <u> </u>     | <u> </u> | 1  |
|   | _     | 65             |   |          | _            | L        | _            | _        | <u> </u> | _            | <u> </u> | ı  |
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|   |       | 67             |   | _        | ļ            |          |              | -        |          | <u> </u>     | <u> </u> | l  |
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| Ì |       | 85             |   | П        | П            | Г        |              | _        | $\vdash$ |              | ┢        | 1  |
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|   |       | 89             |   |          |              |          |              |          | Г        | Г            |          | ١  |
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| Ì |       | 93             |   |          |              |          |              |          |          |              | Г        |    |
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| [ |       | 97             |   |          |              |          |              |          |          |              |          |    |
|   |       | 98             |   |          |              |          |              |          |          |              |          |    |
|   | ]     | 99             |   |          |              |          |              |          |          |              |          |    |
| ſ | 1     | 100            |   | 7        |              |          |              |          |          |              |          | ı  |

| Cli                    | aim  | Г        |              |              | Ī            | Date       | e              |  |          |                 |
|------------------------|--|----------|--------------|--------------|--------------|------------|----------------|--|----------|-----------------|
|                        |  |          |              |              |              | Π          | Π              |  |          |                 |
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| iĒ                     | Ę  |          |              |              | ŀ            |            |                | l  | ĺ        |                 |
|                        |  |          |              |              |              | <u>L</u> . | Ĺ              |  |          |                 |
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|                        | 103  |          |              |              | L            |            |                |  |          |                 |
|                        | 104<br>105   |          | 乚            | 辶            | L            |            | 乚              |  |          |                 |
|                        | 105  |          | <u> </u>     | $oxed{oxed}$ |              |            | <u> </u>       | L.   |          |                 |
|                        | 106<br>107<br>108                                    | _        |              | <u> </u>     | _            | _          | L_             | $oxed{oxed}$                                     | <u> </u> | Ш               |
|                        | 107  | _        | _            | _            | L            | _          | L              | _  | L        | Ш               |
|                        | 108  | _        |              | <u> </u>     |              | _          | _              | L.   | _        | Щ               |
| <u> </u>               | 109  | _        | _            | ↓_           | _            | L          | _              | _  |          |                 |
|                        | 109<br>110<br>111                                    | _        |              | <u> </u>     | <u> </u>     | <u> </u>   | <u> </u>       | <u> </u>   | <u> </u> | -               |
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|                        | 137  |          |              |              |              |            |                |  |          |                 |
|                        | 138  |          |              | ļ            | <u> </u>     |            |                | $oxedsymbol{oxed}$                               |          |                 |
|                        | 139  |          |              | <u> </u>     |              | Ш          |                | L  |          |                 |
|                        | 140  |          |              | <u> </u>     |              | Щ          | _              | Щ  |          | Ш               |
|                        | 141  |          |              |              | <u> </u>     | Щ          |                | $\sqcup$   | _        | Ш               |
|                        | 142  |          |              | <u> </u>     | Щ            |            | L              | L  | Ļ.,      | Щ               |
|                        | 143  | $\dashv$ |              |              | _            |            | _              | _  |          | Ш               |
| $\Box$                 | 144  | _        |              |              | <u> </u>     | $\square$  | <u> </u>       | <u> </u>   |          | Ш               |
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|                        | 146  |          |              | $\vdash$     |              | Щ.         | <u></u>        |  |          | $\sqcup$        |
|                        | 147  | $\dashv$ |              | <u> </u>     | Щ            | Щ          |                | Ш  | Ь        | Щ               |
|                        | 148  |          | _            | <u> </u>     |              | Щ          | _              | Ш  | Щ        | $\dashv$        |
|                        | 149  | $\dashv$ | _            | Щ            | -            |            |                | Щ  | Щ        | Щ               |
|                        | 150  |          |              |              | Ш            |            |                |  | لـــا    |                 |